

**Meeting of the Central Valley Flood Protection Board
8-26-10**

**Staff Report
for
American River Common Features Post Authorization Change Report Letter of
Intent**

1.0 – ITEM

1. Approve a Letter of Intent from the Central Valley Flood Protection Board to the U.S. Army Corps of Engineers to serve as the non-Federal Sponsor for the improvements described in the Post Authorization Change Report and Interim General Reevaluation Report for the American River Watershed Common Features Project – Natomas Basin, Sacramento and Sutter Counties, California.
2. Delegate to the Executive Officer the authority to sign the Letter of Intent in substantially the form attached hereto.

2.0 – APPLICANT

State: Central Valley Flood Protection Board

Local: Sacramento Area Flood Control Agency (SAFCA)

3.0 – LOCATION

The American River Common Features project location described in the Post-Authorization Change Report (PACR) includes reaches of the lower American River between the Natomas East Main Drainage Canal (NEMDC) and the confluence of the Sacramento River and American River, NEMDC up to Pleasant Grove Creek Canal, Pleasant Grove Creek Canal, the Natomas Cross Canal (NCC), and the Sacramento River from the confluence to NCC (Attachment C).

4.0 – DESCRIPTION

The United States Army Corps of Engineers (USACE) requests a Letter of Intent be sent by the Central Valley Flood Protection Board (Board) to the USACE indicating the Board's intent to serve as a non-Federal Sponsor of the project described within the PACR. The purpose of the PACR is to support federal authorization for levee improvements in the Natomas area. As the non-Federal Sponsors of the Common

Features Project, SAFCA and Board are cooperating with USACE in preparing the American River Watershed Common Features Natomas PACR which will recommend an expansion of the levee improvements around the Natomas Basin in addition to improvements authorized by Congress in 1996. The PACR will be supported by a Draft Environmental Impact Statement/Environmental Impact Report ("DEIS/EIR"). The improvements recommended by the PACR are expected to be considered by Congress this fall for authorization and appropriation.

4.1 – Background

SAFCA, the State of California acting by and through the Board, and USACE are sponsors for the American River Common Features Project which was originally authorized through the federal Water Resources Development Act (WRDA) of 1996. This authorization included common elements within a Supplemental Information Report developed by USACE. A portion of the elements recommended for Congressional authorization were deferred due to environmental and cost concerns.

USACE moved forward with another Congressional authorization in 1999, which authorized Folsom Dam improvements along with levee improvements downstream of Folsom Dam. Also included in the Congressional authorization of WRDA 1999 were modifications to the efficiency and capacity of Folsom Dam. These improvements raised concern that the increased efficiency and capacity through Folsom Dam would necessitate additional downstream levee improvements.

After construction of the Sacramento Urban Project, geotechnical evaluation of levees in the vicinity of the City of Sacramento showed that deep under-seepage was of concern, confirming the need for through and under-seepage remediation. It was decided that a Reevaluation Evaluation Report would also be needed. In 2002, American River Common Features General Reevaluation Report (GRR) was initiated.

In an effort to move forward with federal construction projects needed in the Natomas area, USACE agreed to a post authorization change report to address levee stability, erosion, and seepage issues around the Natomas Basin. The PACR is considered an extension of GRR to authorize additional work needed specifically in the Natomas area before the completion of the GRR. The PACR would also be used to authorize federal credits for the work completed by SAFCA and the State through the Early Implementation Program (EIP).

The PACR report is anticipated to be completed by USACE August 31, 2010. The Project described in the PACR includes levee strengthening improvements, and through and under-seepage remediation. The PACR does not include levee raises but does include improvements to all nine reaches of the Natomas Basin. Confirmation of all nine reaches was made by USACE at the August 10, 2010 Project Review Board meeting. Raises for several reaches in the Natomas area are planned to be included in the GRR which is anticipated to be completed in 2012.

USACE is requesting the Board and SAFCA convey their support as non-Federal Sponsors for design and construction efforts of the project described in the PACR. The Letter of Intent and self certification of funding capabilities are needed to finalize the PACR. SAFCA's Board of Supervisors approved Resolution 2010-100 on July 15, 2010.

5.0 – AUTHORIZATIONS

Federal: WRDA 1999(section 336); WRDA 1996 (Section 101); WARDA 1986 (section 902)

State: California Water Code Sections 12670.10, 12670.11, 12670.12, 12670.14, and 12670.16

6.0- STAFF RECOMMENDATION

Consider approval of Resolution 10-35 to:

1. Approve a Letter of Intent from the Central Valley Flood Protection Board to the U.S. Army Corps of Engineers to serve as the non-Federal Sponsor for the improvements described in the Post Authorization Change Report and Interim General Reevaluation Report for the American River Watershed Common Features Project – Natomas Basin, Sacramento and Sutter Counties, California.
2. Delegate to the Executive Officer the authority to sign the Letter of Intent in substantially the form attached hereto.

7.0 - LIST OF ATTACHMENTS

- A. Letter of Intent
- B. SAFCA's Resolution 2010-100 approved July 15, 2010
- C. Project Location Map
- D. USACE Project by Reach
- E. Presentation
- F. Resolution 10-35

CENTRAL VALLEY FLOOD PROTECTION BOARD

3310 El Camino Ave., Rm. 151
SACRAMENTO, CA 95821
(916) 574-0609 FAX: (916) 574-0682
PERMITS: (916) 574-0685 FAX: (916) 574-0682



August 26, 2010

Colonel William J. Leady
District Engineer
Sacramento District
U.S. Army Corps of Engineers
1325 J Street
Sacramento, California 95814-2922

Subject: Letter of Intent for the Post Authorization Change Report (PACR) and Interim General Reevaluation Report for American River Watershed Common Features Project

Dear Colonel Leady:

With this Letter of Intent, The Central Valley Flood Protection Board (Board) confirms its intent to participate with the U.S. Army Corps of Engineers (USACE) as the Non-Federal Sponsor with the Sacramento Area Flood Control Agency (SAFCA) on the project described in the Post Authorization Change Report (PACR) and Interim General Reevaluation Report for American River Watershed Common Features Project currently in preparation.

The Board conditionally supports this proposed Federal Authorization, which intends to reduce the flood risk along the Lower American River and around the Natomas Basin in Sacramento and Sutter Counties.

The Board approved this Letter of Intent at its August 26, 2010 meeting. SAFCA has also confirmed their support and intent to participate as a local Non-Federal Sponsor by way of a resolution, which was approved by SAFCA's Board on July 15, 2010 (attached).

Please note that this Letter of Intent is not an obligation of future appropriations of State funds by the State Legislature. We look forward to working with the USACE and SAFCA on this critically important project.

If you have any questions, please call me at (916) 574-0609, or Ajala Ali, Project Engineer for the Department of Water Resources Division of Flood Management, at (916) 574-1040.

Sincerely,

Jay S. Punia
Executive Officer

ITEM 6

Agenda of July 15, 2010

**TO: Sacramento Area Flood Control Agency
Board of Directors**

**FROM: Tim Washburn, Director of Planning
(916) 874-7606**

**SUBJECT: RESOLUTION – INDICATING SAFCA’S INTENT TO SERVE AS THE
LOCAL SPONSOR FOR THE PROJECT DESCRIBED IN THE POST-
AUTHORIZATION CHANGE REPORT AND INTERIM GENERAL RE-
EVALUATION REPORT FOR THE AMERICAN RIVER WATERSHED
COMMON FEATURES PROJECT - NATOMAS BASIN SACRAMENTO
AND SUTTER COUNTIES, CALIFORNIA (JULY 2010)**

OVERVIEW:

Resolution 2010-100 indicates SAFCA’s intent to serve as the local sponsor for the project described in the Post-Authorization Change Report and Interim General Reevaluation Report for the American River Watershed Common Features Project – Natomas Basin Sacramento and Sutter Counties (July 2010) (referred to herein as the “Main Report”). and directs the Executive Director to work with the State of California (State) through the Central Valley Flood Protection Board (CVFPB) in securing a letter of intent to support the plan that is ultimately authorized by Congress and to provide the assurances of non-Federal cooperation that will be required to implement the plan. The Main Report is available for public review at http://www.safca.org/Programs_Natomas.html.

RECOMMENDATION:

Staff recommends that the Board adopt Resolution 2010-100.

MEASURES/EVALUATION:

Not applicable.

FISCAL IMPACT:

Not applicable.

SAFCA Board of Directors**Agenda of July 15, 2010****Page 2****BACKGROUND**

SAFCA, the State and the U. S. Army Corps of Engineers (USACE) are the sponsors of the American River Common Features Project (Common Features Project) that was initially authorized in the Water Resources Development Act (WRDA) of 1996 and expanded in the WRDA of 1999. The Common Features Project calls for construction of improvements to the levees along the Lower American River and around the Natomas Basin (Basin) in Sacramento and Sutter Counties. Since 1998, approximately \$200.0 million has been expended improving the levees along the American River. More recently, the project sponsors have been cooperating in an effort to secure Congressional approval for expanding the scope of the project in the Natomas Basin and substantially increasing the authorized cost-ceiling to support this work.

In anticipation of this authorization, SAFCA and the State have initiated the Natomas Levee Improvement Program (NLIP) in order to: (1) raise and strengthen the portions of the perimeter levee system where failures would cause the most severe damages in the Basin, and (2) expedite improvements to the remainder of the levee system as necessary to meet minimum Federal (100-year) and State (200-year) flood protection standards for urban areas in the region. This non-Federal program has been underway since 2007. By the end of 2011, it is anticipated that nearly 18 miles of the levee system including the entire length of the Natomas Cross Canal (NCC) south levee and more than 12 miles of the Sacramento River east levee upstream of Powerline Road will be raised and strengthened at an estimated cost of \$350.0 million.

DISCUSSION

The purpose of the Main Report is to support Federal authorization for expanding the scope of the Common Features Project in Natomas thereby allowing the USACE to assume responsibility for completing the perimeter levee improvements begun by the SAFCA and the State. In support of the Main Report, the parties have prepared a Draft Environmental Impact Statement/Draft Environmental Impact Report (DEIS/EIR) analyzing the environmental effects of the various plans considered in the Main Report. On July 2, 2010 the DEIS/DEIR and Main Report were issued for a 45-day public review and comment period that will end on August 16, 2010.

At this point in the process, it is appropriate for the SAFCA Board to communicate SAFCA's preferences regarding the plans evaluated in the Main Report and to indicate the Agency's preparedness to provide the required elements of local cooperation for the plan that is ultimately authorized by Congress. In taking these actions, the Board should be guided by the following considerations.

- For purposes of evaluating the alternative plans described in the Main Report, the USACE divided the perimeter levee system around the Natomas Basin into nine separate reaches. Reaches A, B and C encompass the Sacramento River east levee; Reach D - the Natomas Cross Canal south levee; Reach E – the Pleasant Grove Creek Canal west levee; Reaches F, G and H - the Natomas East Main Drainage Canal (NEMDC) west levee; and Reach I - the American River north levee.

SAFCA Board of Directors**Agenda of July 15, 2010****Page 3**

- The alternative plans considered in the Main Report consist of levee strengthening and raising in various combinations of levee reaches either by constructing new adjacent levee structures or by fixing the existing levees in place.
- Because of perceived shortcomings in the topographic and hydraulic modeling data supporting the plan formulation process, the USACE has made a policy decision to defer any recommendation on the Federal interest in raising levees around the Basin. This has diminished the benefits of strengthening the American River north levee in Reach I because the modeling data indicates that the levees in Reaches B, C, and D overtop, fail and inundate the Basin before the full measure of these benefits is realized. In addition, the USACE has determined that cost-effective improvements to the upper reaches of the NEMDC west levee (Reaches G and F) are sub-optimal from a National Economic Development perspective and should also be deferred. As a result of these policy decisions, the tentatively selected plan identified in the Main Report covers only about 32 miles of the 42-mile perimeter levee system protecting the Natomas Basin.
- This incremental approach limits the scope of the improvements that may be approved by Congress this year. For this reason, it would be preferable for the tentatively selected plan to treat the Natomas perimeter levee system as a complete system and include all of the reaches around the Basin. This system approach would reflect the fact that by the end of 2011, SAFCA and its State partners will have raised (and strengthened) the levees in Reaches B, C and D thereby validating the benefits of strengthening the levee in Reach I. Moreover by including the improvements proposed for the levees in Reaches F and G, which have a benefit to cost ratio ranging from 1.7:1 to 3.2:1, the system approach would measurably reduce the risk of flooding in the Basin and contribute to meeting the objectives of the NLIP.
- The process for submitting the Main Report to Congress this year does not allow time for modification of the tentatively selected plan. However, USACE is prepared to seek authorization for a broader plan next year by preparing a follow up Natomas Basin General Re-evaluation Report (Natomas GRR) for submittal to Congress in 2011. Like the Main Report, the Natomas GRR would focus on Natomas as a separable element of the Common Features Project and would address the Federal interest in levee raising around the Basin and in strengthening the levees in all reaches of the system. This report would be informed by new hydrology and hydraulic modeling data developed by the USACE over the past year that addresses the shortcomings of the current data and would reflect a revised economic analysis of the costs and benefits of proceeding with a complete plan of improvements for the Basin.
- To maintain the current schedule for processing the Main Report, SAFCA's willingness to serve as the local sponsor for the tentatively selected plan should be promptly communicated to the State through the CVFPB. The State is the non-Federal sponsor of the American River Common Features Project and will be expected to provide the

SAFCA Board of Directors**Agenda of July 15, 2010****Page 4**

required assurances of non-Federal cooperation if Congress decides to approve the plan. The State's willingness to provide these assurances needs to be communicated in a timely way to the USACE. This action is dependent on the State's receipt of SAFCA's assurances of local cooperation as set forth in Resolution 2010-100.

RECOMMENDATION

Staff recommends that the Board approve Resolution 2010-100 making it clear that:

1. SAFCA intends to serve as the local sponsor for the plan of improvements to the levee system protecting the Natomas Basin that is being recommended for Congressional approval based on the information provided in the Main Report. Toward that end, SAFCA is prepared to cooperate with the State through the CVFPB in providing the commitments of local support listed in Exhibit A to the resolution, once the environmental review process is complete and Congress has adopted a plan.
2. The Executive Director is directed to work with the State through the CVFPB to secure a letter of intent from the State indicating the State's support for the recommended plan and the State's willingness to provide the assurances of non-Federal cooperation that will be required to implement the plan.

TNWlr/SAFCA's Intent to Serve as Local Sponsor.rft
Attachment

RESOLUTION NO. 2010-100

Adopted by the Sacramento Area Flood Control Agency

**INDICATING SAFCA'S INTENT TO SERVE AS THE LOCAL SPONSOR FOR
THE PROJECT DESCRIBED IN THE POST-AUTHORIZATION CHANGE
REPORT AND INTERIM GENERAL REEVALUATION REPORT FOR THE
AMERICAN RIVER WATERSHED COMMON FEATURES PROJECT -
NATOMAS BASIN SACRAMENTO AND SUTTER COUNTIES, CALIFORNIA
(JULY 2010)**

WHEREAS, the American River Watershed Common Features Project (Common Features Project) authorized in the Water Resources Development Acts of 1996 and 1999 calls for construction of levee improvements along the Lower American River and around portions of the Natomas Basin (or Basin) in Sacramento and Sutter Counties; and

Whereas, construction of the authorized improvements along the American River has been underway since 1998 under the terms of a Project Cooperation Agreement (PCA) between the Department of the Army acting through the Corps of Engineers (USACE) and the State of California (State) acting through the California Reclamation Board and its successor the Central Valley Flood Protection Board (CVFPB) and under the terms of a Local Project Cooperation Agreement between the State and SAFCA; and

Whereas, the parties are seeking Congressional approval for expanding the scope of the Common Features Project in the Natomas Basin and have cooperated in preparing the Post-Authorization Change Report and Interim General Reevaluation Report for the American River Watershed Common Features Project - Natomas Basin, Sacramento and Sutter Counties, California (Main Report) which evaluates deficiencies in the existing levee system around the Natomas Basin, describes alternative plans to address these deficiencies, and identifies a tentatively selected plan of improvements; and

Whereas, the parties have also prepared a Draft Environmental Impact Statement/Draft Environmental Impact Report (DEIS/EIR) analyzing the environmental effects of the various plans considered in the Main Report and have issued the Main Report and DEIS/DEIR for a 45-day public review and comment period commencing on July 2, 2010 and ending on August 16, 2010; and

Whereas, in connection with the public review process it is appropriate for the SAFCA Board to communicate SAFCA's preferences regarding the plans evaluated in the Main Report and to indicate the Agency's preparedness to provide the required elements of local cooperation for the plan that is ultimately authorized by Congress based on the following considerations:

- For purposes of evaluating the alternative plans described in the Main Report, the USACE divided the perimeter levee system around the Natomas Basin into nine separate reaches. Reaches A, B and C encompass the Sacramento River east levee; Reach D - the Natomas Cross Canal south levee; Reach E - the Pleasant Grove Creek Canal west levee; Reaches F, G and H - the Natomas East Main Drainage Canal (NEMDC) west levee; and Reach I - the American River north levee.

Resolution 2010-100**Page 2**

- The alternative plans considered in the Main Report consist of levee strengthening and raising in various combinations of levee reaches either by constructing new adjacent levee structures or by fixing the existing levees in place.
- Because of perceived shortcomings in the topographic and hydraulic modeling data supporting the plan formulation process, the USACE has made a policy decision to defer any recommendation on the Federal interest in raising levees around the Basin. This has diminished the benefits of strengthening the American River north levee in Reach I because the modeling data indicates that the levees in Reaches B, C, and D overtop, fail and inundate the Basin before the full measure of these benefits is realized. In addition, the USACE has determined that cost-effective improvements to the upper reaches of the NEMDC west levee (Reaches G and F) are sub-optimal from a National Economic Development perspective and should also be deferred. As a result of these policy decisions, the tentatively selected plan identified in the Main Report covers only about 32 miles of the 42-mile perimeter levee system protecting the Natomas Basin.
- This incremental approach limits the scope of the improvements that may be approved by Congress this year. For this reason, it would be preferable for the tentatively selected plan to treat the Natomas the perimeter levee system as a system and include all of the reaches around the Basin. This system approach would reflect the fact that by the end of 2011, SAFCA and its State partners will have raised (and strengthened) the levees in Reaches B, C and D thereby validating the benefits of strengthening the levee in Reach I. Moreover by including the improvements proposed for the levees in Reaches F and G, which have a benefit to cost ratio ranging from 1.7:1 to 3.2:1, the system approach would measurably reduce the risk of flooding in the Basin and contribute to meeting the objectives of the NLIP.
- The process for submitting the Main Report to Congress this year does not allow time for modification of the tentatively selected plan. However, USACE is prepared to seek authorization for a broader plan next year by preparing a Natomas General Reevaluation Report (Natomas GRR) for submittal to Congress in 2011. Like the Main Report, the Natomas GRR would focus on Natomas as a separable element of the Common Features Project. The report would address the Federal interest in levee raising around the Basin and in strengthening the levees in all reaches of the system. It would be informed by new hydrology and hydraulic modeling data developed by the USACE over the past year that addresses the shortcomings of the current data and would reflect a revised economic analysis of the costs and benefits of proceeding with a complete plan of improvements for the Basin.
- To maintain the current schedule for processing the Main Report, SAFCA's willingness to serve as the local sponsor for the tentatively selected plan should be promptly communicated to the State through the CVFPB. The State is the non-Federal sponsor of the American River Common Features Project and will be

Resolution 2010-100**Page 3**

- expected to provide the required assurances of non-Federal cooperation if Congress decides to approve the plan. The State's willingness to provide these assurances needs to be communicated in a timely way to the USACE. This action is dependent on the State's receipt of SAFCA's assurances of local cooperation as set forth herein.

NOW, THEREFORE, BE IT RESOLVED BY THE SACRAMENTO AREA FLOOD CONTROL AGENCY BOARD OF DIRECTORS THAT:

1. SAFCA intends to serve as the local sponsor for the improvements to the levee system protecting the Natomas Basin that is being recommended for Congressional approval based on the information provided in the Main Report. Toward that end, SAFCA is prepared to cooperate with the State through the CVFPB in providing the commitments of local support listed in Exhibit A, attached hereto and incorporate herein by this reference once the environmental review process is complete and Congress has adopted the plan.
2. The Executive Director is hereby directed to work with the State through the CVFPB to secure a letter of intent from the State indicating the State's support for the recommended plan and the State's willingness to provide the assurances of non-Federal cooperation that will be required to implement the plan.

ON A MOTION BY Director _____, seconded by Director _____, the foregoing resolution was passed and adopted by the Board of Directors of the Sacramento Area Flood Control Agency, this 15th day of July 2010, by the following vote, to wit:

AYES: Directors:

NOES: Directors:

ABSTAIN: Directors:

ABSENT: Directors:

Chair of the Board of Directors of the
Sacramento Area Flood Control Agency

(SEAL)

ATTEST:

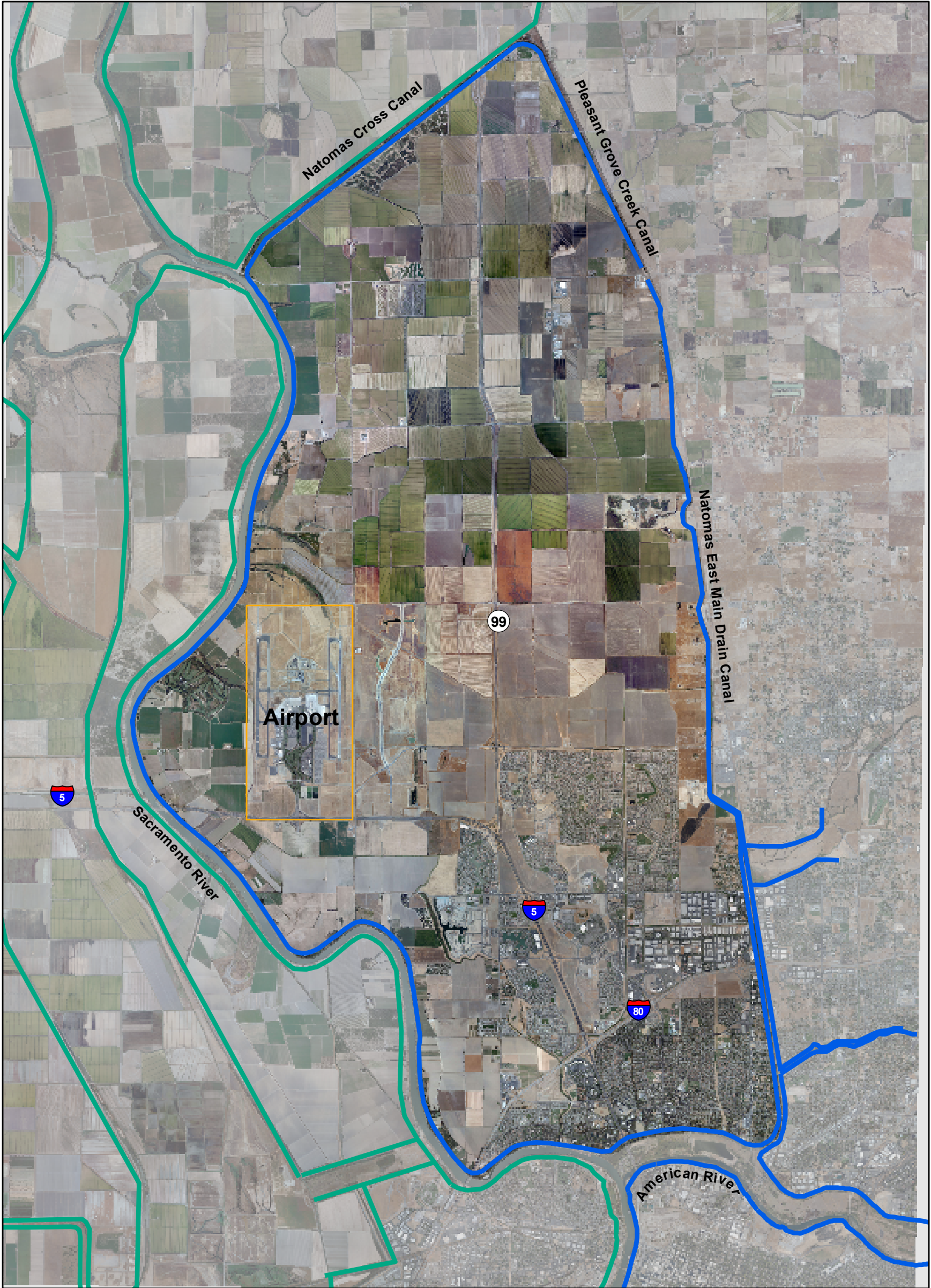
Clerk of the Board of Directors

Exhibit A

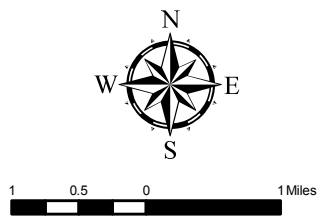


ASSURANCES OF LOCAL COOPERATION

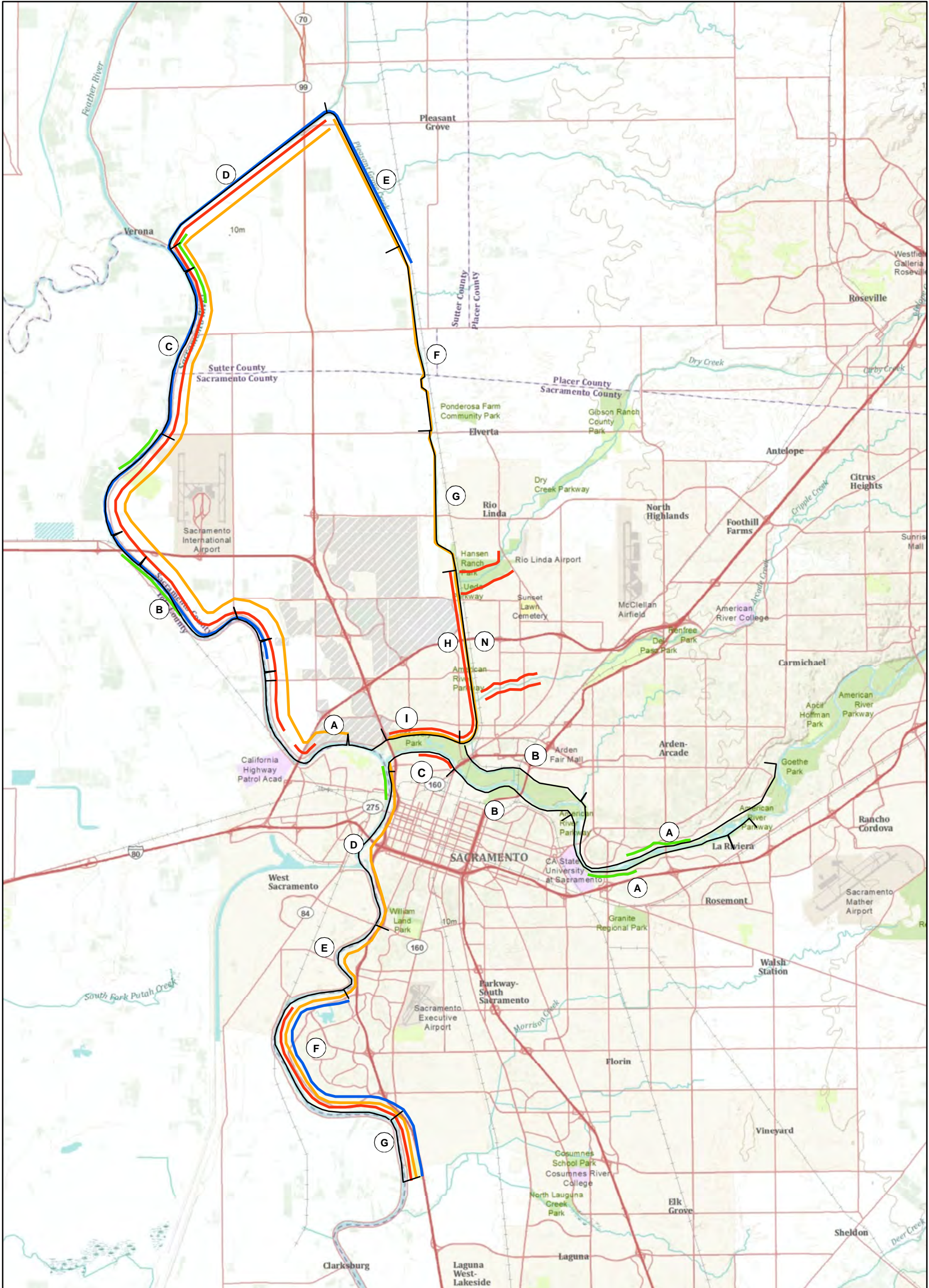
Prior to implementation of any federally authorized Natomas element of the American River Common Features Project, SAFCA shall provide to the State the following assurances of local cooperation in connection with the project:

- a. Provide the local share of the total project costs for the authorized Natomas element.
- b. Cooperate with the State in providing all lands, easements, and rights-of-way, including those required for relocations, the borrowing of material; performing or ensuring the performance of all relocations; and constructing all improvements required on lands, easements, and rights-of-way to enable the disposal of dredged or excavated material all as determined by the Government to be required or to be necessary for the construction, operation, and maintenance of the project;
- c. Avoid use of funds from other Federal programs, including any non-Federal contribution required as a matching share therefore, to meet any of the non-Federal obligations for the project unless the Federal agency providing the Federal portion of such funds verifies in writing that expenditure of such funds for such purpose is authorized;
- d. Not less than once each year, inform affected interests of the extent of protection afforded by the project;
- e. Agree to participate in and comply with applicable Federal floodplain management and flood insurance programs;
- f. Comply with Section 402 of the Water Resources Development Act of 1986, as amended (33 U.S.C. 701b-12), which requires a non-Federal interest to prepare a floodplain management plan within one year after the date of signing a project cooperation agreement, and to implement such plan not later than one year after completion of construction of the project;
- g. Publicize floodplain information in the area concerned and provide this information to zoning and other regulatory agencies for their use in adopting regulations, or taking other actions, to prevent unwise future development and to ensure compatibility with protection levels provided by the project;
- h. Prevent obstructions or encroachments on the project (including prescribing and enforcing regulations to prevent such obstructions or encroachments) such as any new developments on project lands, easements, and rights-of-way or the addition



American River Common Features Project Natomas Post-Authorization Change Report

 <p>March 2009</p>	<p>Plate 2</p> <p>Natomas Basin</p> <div><p>US Army Corps of Engineers</p><p>SAFCA</p></div>	<p>Legend</p> <ul style="list-style-type: none">Project Levees Protecting the City of SacramentoOther Project LeveesNon-Project LeveesSacramento Airport <p>Air photo taken 2008</p>
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American River Common Features Project, Natomas Post-Authorization Change Report

June 2010

US Army Corps of Engineers

SAFCA

Plate 7

Common Features Project

Levee Deficiencies

Legend

- Reaches (A)
- Levee Distress**
 - Seepage (red line)
 - Stability (orange line)
 - Erosion (green line)
 - Height Deficiency (blue line)
- New Urban Development (shaded area)

Post Authorization Change Report Letter of Intent



CENTRAL VALLEY FLOOD PROTECTION BOARD LETTER OF INTENT TO SERVE AS NON-FEDERAL SPONSOR OF THE PROJECT DESCRIBED IN THE POST AUTHORIZATION CHANGE REPORT (PACR)

Presented by :
Ajala Ali, CVFPB/USACE Feasibility Studies

8/26/2010

Attachment E

BOARD ACTION



Consider approval of Resolution 10-35 which:

1. Approves a Letter of Intent, from the Central Valley Flood Protection Board to the U.S. Army Corps of Engineers, to serve as the non-Federal sponsor for the improvements described in the PACR and Interim General Reevaluation Report for the American River Watershed Common Features Project – Natomas Basin, Sacramento and Sutter Counties, California.
2. Delegates to the Executive Officer the authority to sign the Letter of Intent in substantially the form attached hereto.

Attachment E

Board Sponsored Projects



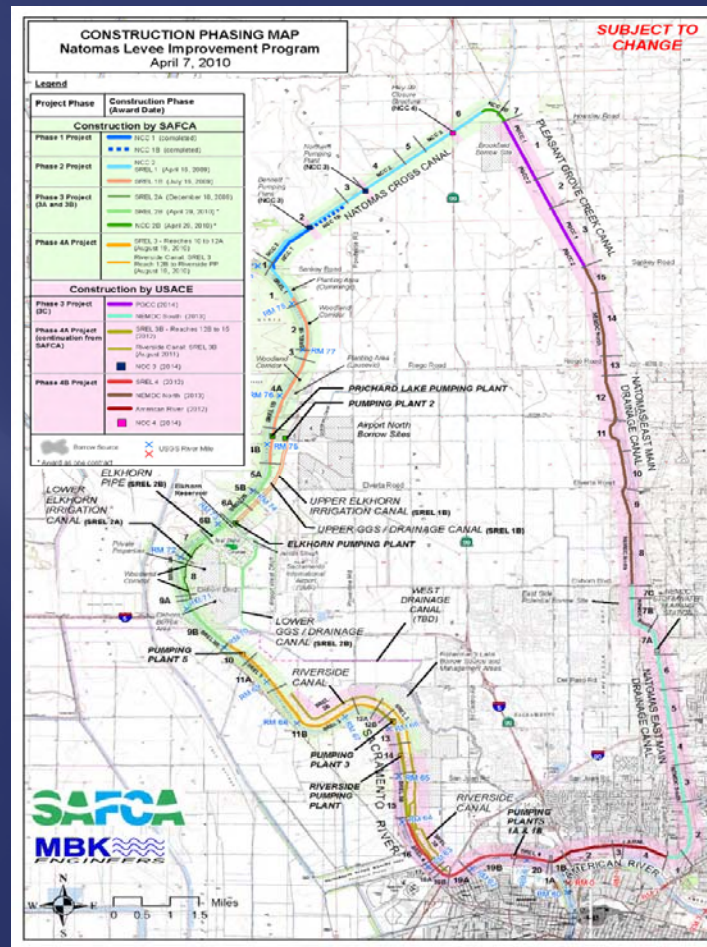
- Board, SAFCA and USACE are the sponsors of the American River Common Features Project.
- Authorized in WRDA of 1996 and expanded in the WRDA 1999
- Includes improvements to the levees along the Lower American River and around the Natomas Basin
- Approximately \$200 million has been expended along the American River



Early Implementation Program



- Natomas Levee Improvement Program (NLIP) initiated in 2007
- State Seeking Congressional approval expanding scope in Natomas Basin
- Nearly 18 miles of levee strengthening and raises
- Estimated Cost of \$350 million

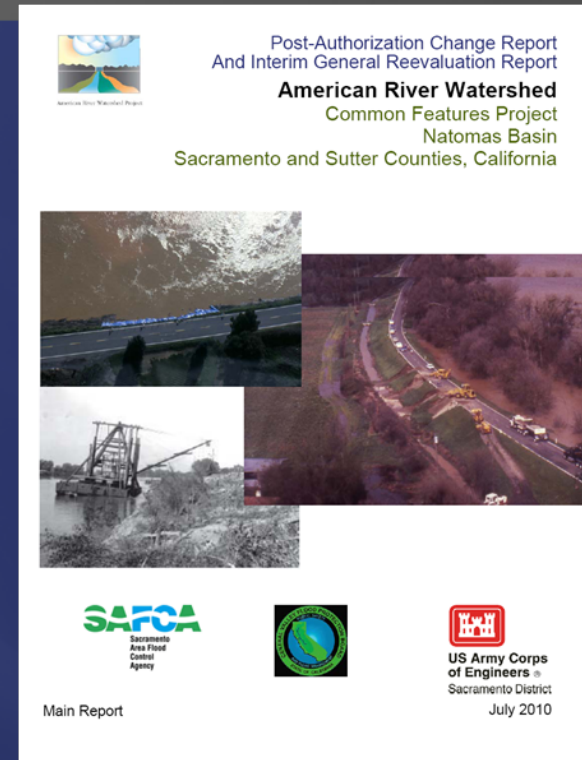


Attachment E

Post Authorization Change Report



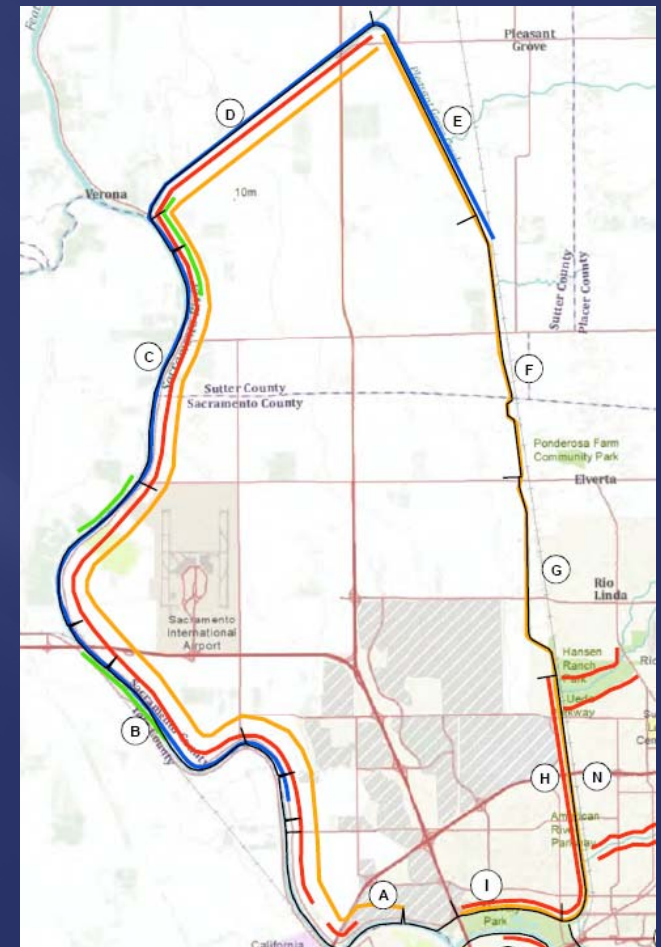
- The PACR will:
 - Recommend approval for a federally supported plan around the Natomas Basin.
 - Expand USACE project authorization for levee improvements around the Natomas Basin.
- The alternative plans included in the PACR are:
 - Levee strengthening and raises
 - Adjacent levee structures
 - Fix in place levee improvements



Federal Recommendation



- 42- miles of levee strengthening around the perimeter of the Natomas Basin.
- Federal interest and recommendation in raising levees deferred.
- Project features of NLIP are included in the recommended plan
- Project first cost is estimated to be \$709 million



Attachment E

Local Support



SAFCA passed resolution 2010-100 in support of indicating SAFCA's intent to serve as local sponsors :

RESOLUTION NO. 2010-100

Adopted by the Sacramento Area Flood Control Agency

INDICATING SAFCA'S INTENT TO SERVE AS THE LOCAL SPONSOR FOR THE PROJECT DESCRIBED IN THE POST-AUTHORIZATION CHANGE REPORT AND INTERIM GENERAL REEVALUATION REPORT FOR THE AMERICAN RIVER WATERSHED COMMON FEATURES PROJECT - NATOMAS BASIN SACRAMENTO AND SUTTER COUNTIES, CALIFORNIA (JULY 2010)

WHEREAS, the American River Watershed Common Features Project (Common Features Project) authorized in the Water Resources Development Acts of 1996 and 1999 calls for construction of levee improvements along the Lower American River and around portions of the Natomas Basin (or Basin) in Sacramento and Sutter Counties; and

Whereas, construction of the authorized improvements along the American River has been underway since 1998 under the terms of a Project Cooperation Agreement (PCA) between the Department of the Army acting through the Corps of Engineers (USACE) and the State of California (State) acting through the California Reclamation Board and its successor the Central Valley Flood Protection Board (CVFPB) and under the terms of a Local Project Cooperation Agreement between the State and SAFCA; and

Whereas, the parties are seeking Congressional approval for expanding the scope of the Common Features Project in the Natomas Basin and have cooperated in preparing the Post-Authorization Change Report and Interim General Reevaluation Report for the American River Watershed Common Features Project - Natomas Basin, Sacramento and Sutter Counties, California (Main Report) which evaluates deficiencies in the existing levee system around the Natomas Basin, describes alternative plans to address these deficiencies, and identifies a tentatively selected plan of improvements; and

Whereas, the parties have also prepared a Draft Environmental Impact Statement/Draft Environmental Impact Report (DEIS/EIR) analyzing the environmental effects of the various plans considered in the Main Report and have issued the Main Report and DEIS/DEIR for a 45-day public review and comment period commencing on July 2, 2010 and ending on August 16, 2010; and

Whereas, in connection with the public review process it is appropriate for the SAFCA Board to communicate SAFCA's preferences regarding the plans evaluated in the Main Report and to indicate the Agency's preparedness to provide the required elements of local cooperation for the plan that is ultimately authorized by Congress based on the following considerations:

- For purposes of evaluating the alternative plans described in the Main Report, the USACE divided the perimeter levee system around the Natomas Basin into nine separate reaches. Reaches A, B and C encompass the Sacramento River east levee; Reach D - the Natomas Cross Canal south levee; Reach E - the Pleasant Grove Creek Canal west levee; Reaches F, G and H - the Natomas East Main Drainage Canal (NEMDC) west levee; and Reach I - the American River north levee.

Attachment E

QUESTIONS



Presented by: Ajala Ali, USACE/CVFPB Feasibility Studies

Prepared by: Ajala Ali, USACE/CVFPB Feasibility Studies

Project Sponsors: Central Valley Flood Protection Board
Sacramento Area Flood Control Agency
U.S. Army Corp of Engineers

Attachment E

STATE OF CALIFORNIA
THE RESOURCES AGENCY
CENTRAL VALLEY FLOOD PROTECTION BOARD

RESOLUTION NO. 10-35

RESOLUTION APPROVING A LETTER OF INTENT
BE SENT TO THE U.S. ARMY CORPS OF ENGINEERS
INDICATING THE CENTRAL VALLEY FLOOD PROTECTION BOARD'S
INTENT TO SERVE AS NON-FEDERAL SPONSOR
FOR THE PROJECT DESCRIBED
IN THE POST AUTHORIZATION CHANGE REPORT

WHEREAS, the Sacramento Area Flood Control Agency (SAFCA) and the Central Valley Flood Protection Board (Board) are the non-Federal Sponsors of the American River Common Features Project and are cooperating with the U.S. Army Corps of Engineers (USACE) in preparing a post authorization change report which will recommend a significant expansion of the project in the Natomas Basin, initially authorized by Congress in 1996; and

WHEREAS, construction along the American River and Natomas Cross Canal, authorized by the Water Resources Development Act (WRDA) of 1996 and 1999, has been underway since 1998 under the Project Cooperation Agreement between the Central Valley Flood Protection Board and the U.S. Army Corps of Engineers for the American River Common Features Project; and

WHEREAS, SAFCA and the Board initiated additional levee improvement projects to the WRDA authorization around the Natomas Basin through the State Early Implementation Program (EIP) to achieve the minimum federal 100-year and State 200-year level of flood protection for urban areas in the region; and

WHEREAS, anticipation of moving forward with a federal project in the Natomas area, the USACE agreed to develop the Post Authorization Change Report (PACR) focused on the reevaluation of federal interests around the Natomas Basin and pursue Congressional authorization of levee improvements to the Natomas Basin; and

WHEREAS, in addition to the completed PACR, USACE is requesting a Letter of Intent expressing the Board's intent to serve as a non-Federal Sponsor of the project described in the PACR; and

WHEREAS, on July 15, 2010, SAFCA passed Resolution 2010-100 expressing their intent to serve as a local sponsor of the project described in the PACR; and

WHEREAS, Board participation is authorized under Water Code section 12670.12.

NOW, THEREFORE, LET IT BE RESOLVED that the Central Valley Flood Protection Board:

1. Approves a Letter of Intent, from the Central Valley Flood Protection Board to the U.S. Army Corps of Engineers, to serve as the non-Federal Sponsor for the improvements described in the Post Authorization Change Report and Interim General Reevaluation Report for the American River Watershed Common Features Project – Natomas Basin, Sacramento and Sutter Counties, California.
2. Delegates to the Executive Officer the authority to sign the Letter of Intent in substantially the form attached hereto.

BY: _____ Date: _____
Benjamin F. Carter
President

BY: _____ Date: _____
Board Secretary

Approved as to Legal Form and Sufficiency

Jeremy Goldberg
Staff Counsel